motors, each comprising at least one winding, wherein the winding of at least one of the electric motors comprises an electrical conductor including an electric field confining insulation system in contact with the conductor including an inner [at least two] semiconducting layer[s] surrounding the conductor; a solid insulation surrounding the inner layer and an outer semiconductor layer surrounding the insulation layer, each layer forming an equipotential surface around the conductor[, and intermediate solid insulation between the layers].

B1 cl cond.

Claim 4. (Twice Amended) A plant as claimed in claim 1, wherein [all] transformation of substantial power [is arranged to] takes place in the same electric motor.

B2

Claim 6. (Twice Amended) A plant as claimed in claim 1 [5], wherein the inner[most] semiconducting layer is at substantially the same potential as the conductor[(s)].

B3

Claim 7. (Twice Amended) A plant as claimed in claim 1 [5], wherein [one of] the [outer] semiconducting layers [is arranged to] each form [essentially] an equipotential surface surrounding the conductor[(s)].

Claim 10. (Twice Amended) A plant as claimed in claim 1 [5], wherein at least two of said layers have substantially the same coefficient of thermal expansion.

B4

B4 cond.

Claim 11. (Twice Amended) A plant as claimed in claim 1 [5], wherein the current-carrying conductor comprises at least one of a plurality of insulated conductive elements [strands, only a few of the strands not being] and at least one uninsulated [from each other] conductive element in contact with the inner layer.

SUB F1

Claim 12 (Twice Amended) A plant as claimed in claim 29 [1], wherein the cover [winding] comprises [a cable comprising] at least one [or more] current-carrying conductor[s each conductor consisting of including a number of strands,] an inner semiconducting layer being arranged around [each] the conductor, [an insulating] layer of solid insulation [being] arranged around [each] the inner semiconducting layer and an outer semiconducting layer [being] arranged around [each] the insulating layer.

B5

Claim 14. (Twice Amended) A plant as claimed in claim 1, wherein the stator of the motor is cooled at earth potential by means of a flow of at least one of gas and[/or] liquid.

Claim 15. (Twice Amended) A plant as claimed in claim 1 wherein the [high-voltage] cable[s have] has a conductor area of about [between] 40 and about 300 mm^2 and have an outer cable diameter of about [between] 10 and about 250 mm.

Claim 16. (Twice Amended) A plant as claimed in claim 1, further comprising an [electric] electrostatic machine for series connection to the motor for limiting at least one of start current and fault current for the rotating electric motor.

B5 cond.

Claim 17. (Twice Amended) A plant as claimed in claim 1, including an impedance and wherein the neutral point of at least one motor is earthed via [an] said impedance.

Claim 18. (Twice Amended) A plant as claimed in claim 1, [wherein the neutral point of] at least one motor has a neutral point [is] directly connected to earth.

Claim 19. (Twice Amended) A plant as claimed in claim 1, wherein the motor is operative to produce of reactive power with [temporarily] relatively large overload capacity.

Claim 26 (Twice Amended), line 1, delete "25" insert --1--.

B6

Claim 27. (Twice Amended) A motor as claimed in claim 1 [25], wherein [it] said motor has one or more connection voltages.

B7 Sub C2

Claim 29. (Amended) A plant for high voltage electric [plant] Including a motor including at least one winding, wherein said winding comprises a cable including at least one current-carrying conductor and a magnetically permeable, electric field confining cover surrounding the conductor, the conductor including at least one of a plurality of insulated conductive elements and at least one uninsulated conductive element in contact with the cover, said cable forming at least one uninterrupted turn in the corresponding winding of said machine.

B8

Claim 33. (Amended) The plant of claim 29, wherein the cover is formed of a plurality of layers including an insulating layer and wherein said plurality of layers are substantially [void] free of cracks.

B9

Claim 37. (Amended) The plant of claim 29, wherein motor has coil end regions without an electric field outside of the cable, such that the cable is operable free of sensible end winding loss.

Please add the following new claims:

--42. The plant of claim 29 being operable above 36kV.

B10 Sub C3

43. An electric plant for high voltage including at least one motors comprising at least one winding, wherein the winding including an electrical conductor, a magnetically

C3

B10 cond.

permeable electric field confining insulating covering in contact with the conductor including an inner semiconducting layer surrounding the conductor; a solid insulation surrounding the inner layer and an outermost semiconducting layer surrounding the insulation layer, each semiconducting layer forming an equipotential surface around the conductor.

44. An electric plant for high voltage including at least one motor comprising at least one winding, including an electrical conductor, an electric field confining insulating covering surrounding the conductor including an inner semiconducting layer in electrical contact with the conductor; a solid insulation surrounding the inner layer and an outermost semiconducting layer surrounding the insulation layer, each semiconducting layer forming an equipotential surface around the conductor.--